

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

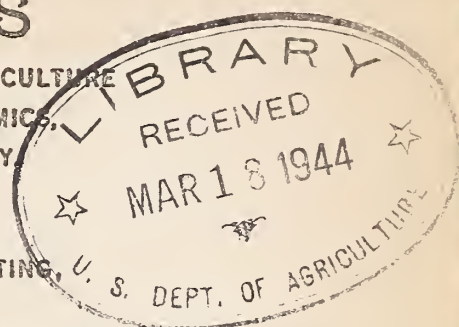
73.3
serve

COTTON LITERATURE

SELECTED REFERENCES

PREPARED IN THE LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE
WITH THE COOPERATION OF THE BUREAU OF AGRICULTURAL ECONOMICS,
AGRICULTURAL MARKETING SERVICE, BUREAU OF PLANT INDUSTRY
AND BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

COMPILED BY EMILY L. DAY, LIBRARY SPECIALIST IN COTTON MARKETING,
AGRICULTURAL MARKETING SERVICE, WASHINGTON, D. C.



Vol. 10

October, 1940

No. 10

CONTENTS

| | |
|--|-----|
| Production..... | 517 |
| Botany..... | 517 |
| Genetics and Plant Breeding..... | 517 |
| Agronomy..... | 518 |
| Diseases..... | 519 |
| Insects..... | 519 |
| Farm Engineering..... | 522 |
| Farm Management..... | 522 |
| Farm Social Problems..... | 522 |
| Cooperation in Production (One-Variety Communities)..... | 522 |
| Preparation..... | 523 |
| Ginning..... | 523 |
| Baling..... | 523 |
| Marketing..... | 524 |
| Demand and Competition..... | 524 |
| Supply and Movement..... | 526 |
| Prices..... | 530 |
| Marketing and Handling Methods and Practices..... | 531 |
| Marketing Services and Facilities..... | 532 |
| Marketing Costs..... | 534 |
| Cooperation in Marketing..... | 535 |
| Utilization..... | 535 |
| Fiber, Yarn and Fabric Quality..... | 535 |
| Technology of Manufacture..... | 540 |
| Technology of Consumption..... | 541 |
| Cottonseed and Cottonseed Products..... | 542 |
| Legislation, Regulation, and Adjudication..... | 543 |
| Legislation..... | 543 |
| Regulation..... | 544 |
| Adjudication..... | 546 |
| Miscellaneous--General..... | 546 |

COTTON LITERATURE is compiled mainly from material received in the Library of the U. S. Department of Agriculture.

Copies of the publications listed herein can not be supplied by the Department except in the case of publications expressly designated as issued by the U. S. Department of Agriculture. Books, pamphlets, and periodicals mentioned may ordinarily be obtained from their respective publishers or from the Secretary of the issuing organization. Many of them are available for consultation in public or other libraries.

"Abbreviations Used in the Department of Agriculture for Titles of Publications" (Miscellaneous Publication No. 337) is the authority for abbreviations used in COTTON LITERATURE.

PRODUCTIONBotany

See Items nos. 2946, 2959, 2964.

Genetics and Plant Breeding

2819. Hutchinson, J. B. The application of genetics to plant breeding. I. The genetic interpretation of plant breeding problems. Jour. Genet. 40(1-2): 271-282. May 1940. (Published by Cambridge University Press, Bentley House, 200 Euston Road, London N. W. 1, England) 442.8 J823
References, p. 282.
"Read at the Seventh International Genetic Congress, Edinburgh, August, 1939."
The object of this paper is "to survey the application of genetic theory to cotton breeding in particular and to outline the problems in which the geneticist should be able to help the breeder."
2820. Nakatomi, Sudawo. Induced polyploidy in Asiatic varieties of cotton plant by colchicin treatment. Crop Sci. Soc. Japan, Proc. 12(1): 16-20. June 1940. (Published by the Crop Science Society of Japan, Faculty of Agriculture, Tokyo Imperial University, Tokyo, Japan) J 22.5 C88
In Japanese.
2821. Panse, V. G. Application of genetics to plant breeding. II. The inheritance of quantitative characters and plant breeding. Jour. Genet. 40(1-2): 283-302. May 1940. (Published by Cambridge University Press, Bentley House, 200 Euston Road, London N. W. 1, England) 442.8 J823
References, p. 299.
"Read at the Seventh International Genetic Congress, Edinburgh, August 1939."
"The experimental data used in the present work were obtained from crosses between three strains of Indian cotton (*G. arboreum* var. *neglectum*), Bani, Malvi and C 520."
Also issued as Memoirs of the Cotton Research Station, Trinidad, series A, no. 16, 1940.
2822. Poperekov, M. Apply the theory and methods of work of Dr. T. D. Lysenko to work on flax and cotton. Empire Cotton Growing Rev. 17(1): 62. June 1940. (Published at King's Buildings, Dean Stanley St., Millbank, London, S. W. 1, England) 72.8 Em7
"Abstract of article in Len i Konoplja [Flax and Hemp] no. 1, p. 6. 1939."
"A brief outline of work at the Odessa Institute for Breeding and Genetics in which Lysenko's views on variation in pure lines

and the effect of environmental factors on the genotype are recounted, with observations on the applications of these theories in the work of the station." - Entire item.

See also Item no. 3016.

Agronomy

2823. American society of agronomy. Committee on fertilizers. Minutes of the fifth annual meeting...New Orleans, La., November 22, 1939. 9pp., processed. [Geneva? N. Y., 1940] 57.9 Am3M
The influence of neutralizing fertilizers with dolomite on the response of cotton to potash fertilization [summary] by J. J. Skinner, pp. 3-4.
2824. Andrews, W. B. The elimination of differences in investment in the evaluation of fertilizer analyses. Amer. Soc. Agron. Jour. 32(7): 495-502. July 1940. (Published at Geneva, N. Y.) 4 Am34P
"A method was presented for calculating the analysis from which a farmer would obtain the most profit for a definite amount of money invested in fertilizers" for cotton growing.
2825. Brackeen, L. O. When cultivating cotton--. Prog. Farmer (Car.-Va. ed.) 55(5): 19. May 1940. (Published at Professional Bldg., Raleigh, N. C.) 6 P945
"Shallow row cultivation for cotton after it is chopped just often enough to control weeds is recommended."
2826. Cameron, G. S. Some hints for cotton growers. Rhodesia Agr. Jour. 37(7): 387-396. July 1940. (Published by Department of Agriculture, Salisbury, Rhodesia) 24 R34
2827. Cruz Martins, R. F. Algodão. Sociedade Brasileira de Agronomia, Revista 3(2): 214-226. June 1940. (Published at Avenida Rio Branco, 183-6.º andar - sala 606, Rio de Janeiro, Brazil) 9.2 Sol3
Cotton.
2828. Dickson, R. E., Langley, B. C., and Fisher, C. E. Water and soil conservation experiments at Spur, Texas. Tex. Agr. Expt. Sta. Bul. 587, 67pp. College Station, 1940.
Relation of available water in the soil at planting time to the yield of cotton, pp. 30-31.
2829. McNamara, Homer C., Hooton, Dalton R., and Porter, Dow D. Differential growth rates in cotton varieties and their response to seasonal conditions at Greenville, Tex. U. S. Dept. Agr. Tech. Bul. 710, 44pp. Washington, 1940. 1 Ag84Te
Literature cited, pp. 42-44.

2830. Menezes Sobrinho, A. Adubaçao do algodoeiro. Revistas Reunidas 10(56): 14, 16-17. June 1940. (Published at Rua de S. Bento, 389, Sao Paulo, Brazil) 72.8 R322
Fertilizers for the cotton plant.

2831. New type seed claimed in Miss. Cotton Digest 12(50): 14. Sept. 21, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

"A cotton farmer in Holly Springs, Mississippi, is reported to have used a new type cotton seed in 1937 which produced four large stalks with 125 bolls on one, with four pounds of cotton picked. This year reportedly the farmer had sixteen acres with such seed, with stalks six feet tall and covered with blooms."

2832. Seed ratio high in Bishop area, lint yield small. Cotton Trade Jour. 20(36): 4. Sept. 7, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

The opinion of W. E. Whitten "is that at the time the seed were producing moisture was plentiful, but by the time the lint started we had hot dry weather. The immature bolls have opened to give us good seed with little lint."

See also Items nos. 2850, 2851, 2883, 2901, 3016, 3017, 3031, 3032.

Diseases

2833. O "fusarium" nos algodoeiros do nordeste. Alastra-se a terrivel praga. Revistas Reunidas 10(56): 21-22. June 1940. (Published at Rua de S. Bento, 389, São Paulo, Brazil) 72.8 R322

"Fusarium" of the cottons of the northeast. Spread of a terrible plague.

See also Item no. 3016.

Insects

2834. Ceylon. Dept. of agriculture. The cotton leaf-roller. (Sylepta derogata.) Ceylon. Dept. Agr. Leaflet 164, 2pp. Peradeniya, 1939. 22.5 C33L

2835. Ceylon. Dept. of agriculture. The dusky cotton bug. (Oxycarenus laetus). Ceylon. Dept. Agr. Leaflet 169, 3pp. Peradeniya, 1939. 22.5 C33L

2836. Ceylon. Dept. of agriculture. The red bug of cotton and bandakka. (Dysdercus cingulatus). Ceylon. Dept. Agr. Leaflet 168, 3pp. Peradeniya, 1939. 22.5 C33L

2837. Ceylon. Dept. of agriculture. The spotted cotton bollworm. (Earias fabia). Ceylon. Dept. Agr. Leaflet 167, 2pp. Peradeniya, 1939. 22.5 C33L

2838. Contribuye a la exterminación de las plagas que atacan al algodónero, la quema de los rastrojos. Gaceta Algodonera 17(198): 19. July 1940. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11

Contribution on the extermination of the plagues that attack cotton, burning of the stubble.

Methods of controlling the pink bollworm are discussed.

2839. Gaines, J. C. Tests of insecticides for certain cotton insects during 1939. Jour. Econ. Ent. 33(4): 684-688. Aug. 1940. (Published by American Association of Economic Entomologists, Amherst, Mass.) 421 J822

Literature cited, p. 688.

2840. Gaines, R. C. Boll weevil control with calcium arsenates containing different percentages of water-soluble arsenic pentoxide. Jour. Econ. Ent. 33(4): 682-684. Aug. 1940. (Published by American Association of Economic Entomologists, Amherst, Mass.) 421 J822

2841. Hamner, A. L. Thorough turning, delayed planting, after winter crops. Miss. Farm Res. 3(3): 8. Mar. 1940. (Published by Mississippi Agricultural Experiment Station, State College, Miss.) 100 M69Mi

"The importance of delayed planting for a certain number of days following the turning under of a cover crop in order to avoid damage to the succeeding crop by the variegated cutworm is emphasized. To be successful through starvation of the cutworm the turning under must be thorough. In the observations conducted cages covering 8 sq. ft. of soil surface were infested with an average of 2 1/2 worms per square foot after the bur clover crop had been thoroughly disked under. The examination of cotton planted on the third, seventh, fourteenth, and twenty-first days after the cover crop was disked under revealed no damage of any commercial importance in the cages in which the cotton was planted on the fourteenth and twenty-first days. Dead worms were found on the thirteenth day, and in each of three cages a live worm was found on the twenty-first day." - U. S. Off. Expt. Stas., Expt. Sta. Rec. 83(2): 223. Aug. 1940.

2842. Husain, M. Afzal, and Trehan, K. N. Final report on the scheme of investigation on the white-fly of cotton in the Punjab. Indian Jour. Agr. Sci. 10(2): 101-109. Apr. 1940. (Published by Imperial Council of Agricultural Research, Delhi, India) 22 Ag83I

"A final report is given on a scheme of investigation on the white-fly of cotton in the Punjab. The scheme included a thorough study of the external characters, life history and bionomics of the insect, its seasonal activities, and the nature and extent of damage done by it to the cotton crop... Rosin compound proved to be the most satisfactory insecti-

cide. - C." - Brit. Cotton Indus. Res. Assoc., Sum. Cur. Lit.
20(14): 346. July 31, 1940.

2843. Kreibohm de la Vega, G. A. Instrucciones para combatir la oruga de la hoja del algodónero y otros insectos masticadores. Tratamientos preventivos y curativos. Tucuman. Revista Industrial y Agricola 29(10-12): 263-271. Oct.-Dec. 1939. (Published by the Tucuman Agricultural Experiment Station, Tucuman, Argentina) 9 T79

Footnote references.

Instructions for combatting the cotton leaf worm and other masticating insects. Preventive and curative treatments.

2844. Ruffin, W. A. More about weevil control. Prog. Farmer (Ga.-Ala.-Fla. ed.) 55(8): 10. Aug. 1940. (Published at 821 North Nineteenth St., Birmingham, Ala.) 6 P945G

Boll weevil control methods are suggested.

2845. Squire, F. A. Observations on the larval diapause of the pink bollworm, Platyedra gossypiella, Saund. Bul. Ent. Res. 30(4): 475-481. Jan. 1940. (Published at Imperial Institute of Entomology, 41, Queens Gate, London, S. W. 7, England) 421 B87

References, p. 81.

"Observations on the pink bollworm in Trinidad are reported upon in tables and graphs." - U. S. Off. Expt. Stas., Expt. Sta. Rec. 83(2): 223. Aug. 1940.

2846. [Thomas, F. L.] Season's standing of 6 cotton pests is told by Thomas. Boll weevil damage greatest despite hard winter, says entomologist. Cotton Trade Jour. 20(35): 1, 6. Aug. 31, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

The "final report for 1940 on cotton insect situation in Texas."

Also in Cotton Digest 12(47): 9. Aug. 31, 1940.

2847. Tres preguntas acerca del control de los insectos del algodón. Vida Agricola 16(192): 924, 927-928. Nov. 1939. (Published at Casilla no. 1159, Nuñez 26-A, Lima, Peru) 9.8 V66

Three questions about the control of cotton insects.

2848. [Whitten, W. E.] Field clean-up stops pink boll worm in Nueces [county, Texas]. With pest prevalent in two adjoining counties, fight goes on. Cotton Trade Jour. 20(39): 2. Sept. 28, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

2849. Wille, Johannes E. El "perforador pequeño de la bellota del algodónero" Mescinia peruella, Schaus. Lima. Ministerio de Fomento. Estación Experimental Agrícola de La Molina. Boletín no. 19, 32pp. Lima, 1940. 102.5 L622B

Bibliography, p. 32.

The "little perforator of the cotton plant" Mescinia peruella Schaus.

Farm Engineering

2850. Mallo, Roberto G. Detalles de la construccion del desinfestador de semilla de algodono por medio del calor seco obtenido por combustion de gas natural (butane). Argentine Republic, Junta Nacional del Algodon, Boletin Mensual no. 63, pp. 312-317. July 1940. (Published in Buenos Aires, Argentina) 72.9 Ar3
Details of the construction of a disinfector for cottonseed using dry heat obtained by burning natural gas (butane).
2851. Mallo, Roberto G. La maquina tipo Brookfield modificada (kettle type sterilizer), para la desinfestacion de semilla de algodono. Argentine Republic, Junta Nacional del Algodon, Boletin Mensual, no. 63, pp. 318-324. July 1940. (Published in Buenos Aires, Argentina) 72.9 Ar3
The modified Brookfield type machine (kettle type sterilizer) for disinfecting cottonseed.

See also Item no. 2853.

Farm Management

2852. U. S. Department of agriculture. The flexible sharecropping agreement. 2pp. [Washington, D. C., 1940] 1 Ag84Fs
Form Agri.-4.
The use of the agreement is explained in an accompanying 8 page pamphlet.
"The Flexible Sharecropping Agreement is provided in the hope that it will be helpful to landlords and sharecroppers in working out more definite agreements and understandings between them."

See also Item no. 3025.

Farm Social Problems

2853. Migrant cotton picker problem in Texas acute. Plight of individuals and families and economic stresses analyzed. Cotton Trade Jour. 20(36): 1, 5. Sept. 7, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
2854. U. S. Dept. of agriculture. Farm security administration. The southern Negro on the farm; his problems and what the FSA is doing about them. 5pp., processed. [Washington, D. C., 1940] 1.95 So8

See also Items nos. 2852, 2883.

Cooperation in Production (One-Variety Communities)

2855. Allred, Charles E., and Raskopf, Benjamin D. Economic aspects of one-variety cotton communities in Tennessee. Tenn. Agr.

Expt. Sta. Agr. Econ. and Rural Sociol. Dept. Monog. 111,
37pp., processed. Knoxville, 1940. 173.2 W89Co
Bibliography, pp. 36-37.

See also Items nos. 2930, 2932.

PREPARATION

Ginning

2856. Andrews, Stanley. Good ginning begins at the farm. Amer. Cotton Grower 6(3): 8-9. Aug. 1940. (Published at 535 Gravier St., New Orleans, La.) 72.8 Am32
An article dealing with "what the farmer can do to do his part in insuring a good bale of cotton."
2857. Carbajal, C. Horacio. El desmote individual en la campaña 1938-39. Argentine Republic, Junta Nacional del Algodon, Boletin Mensual no. 64, pp. 375-379. Aug. 1940. (Published in Buenos Aires, Argentina) 72.9 Ar3
Individual ginning in the campaign of 1938-39.
2858. [Stiles, R. M.] Georgia farmers and ginnerers co-operating for better bales. Cotton and Cotton Oil Press 41(18): 13. Aug. 31, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
Factors that result in quality ginning are discussed.
2859. Water powered gins in Mississippi. Cotton and Cotton Oil Press 41(18): 5. Aug. 31, 1940. (Published at 3316-18 Commerce St., Dallas, Tex.) 304.8 C822

See also Item no. 3030.

Baling

2860. Bales under loan not penalized if wrapped in cotton. Tex. Co-op. News 20(9): 10. Sept. 15, 1940. (Published by Texas Co-operative Publishing Co., Inc., 1100-1106 South Ervay St., Dallas, Tex.) 72.9 T315F
"The new 1940 loan program on cotton, makes it possible for growers to wrap their bales in cotton bagging without being penalized, since the loans are figures on net weight."
2861. Wright, John W. Cotton trade likes uniform weight bales. U. S. Dept. Agr. Agr. Mktg. Serv. Mktg. Activ. 3(3): 7. Sept. 1940. (Published in Washington, D. C.)
Reasons why extra heavy and extra light bales are disadvantageous to the cotton industry are given.

MARKETINGDemand and Competition

2862. El algodón y la guerra del 14. Vida Agricola 16(192): 887, 889, 891-892. Nov. 1939. (Published at Casilla no. 1159, Nuñez 26-A, Lima, Peru) 9.8 V66
Cotton and the war of '14.
2863. British cotton export company formed. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 41(9): 280. Sept. 3, 1940. (Published in Washington, D. C.) 1.9 St2F
The company, British Overseas Cottons, Limited, was formed "to assist in promoting Lancashire's export trade in cotton goods."
2864. China's textile industry. Developments since the outbreak of hostilities. Textile Colorist 62(740): 558, 562. Aug. 1940. (Published at Woolworth Bldg., 233 Broadway, New York, N. Y.) 306.8 T31
"From Indian Textile Journal."
2865. [Cook, Everett] Must find new uses says Everett Cook. Cotton Digest 12(47): 5. Aug. 31, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.8 C822
The present market situation is described.
2866. Cotton exports. New company to assist. Gt. Brit. Bd. Trade Jour. 145(2278): 75. Aug. 1, 1940. (Published by H. M. Stationery Office, York House, Kingsway, London, W. C. 2, England) 256.03 T67J
The creation of a new company, British Overseas Cottons Limited, is noted. Funds for the new company will be provided by a tax of 5d. per 100 lb. on raw cotton.
2867. Farley, Miriam S. The problem of Japanese trade expansion in the post-war situation. 93pp. New York, Institute of Pacific relations, 1940. (Institute of Pacific relations. Inquiry series) 286 F22P
Trade in cotton textiles is one of the problems used as illustration.
2868. A fiber problem. Recent trends in production and distribution show cotton's increasingly difficult position--silk and rayon relations--increased cotton use possible at lower price. Amer. Wool and Cotton Rptr. 54(32): 13-14, 50. Aug. 8, 1940. (Published by Frank P. Bennett & Co., 530 Atlantic Ave., Boston, Mass.) 304.8 W88
"The question will have to be decided in the comparatively near future whether or not the domestic cotton industry intends to continue the policy which has been observed in which a relatively high price is demanded with restriction in distribu-

tion or whether a much lower price will be quoted, with a greater sale and a larger crop grown."

2869. Find cotton stamp plan does well in Los Angeles area. Daily News Rec. no. 221, p. 14. Sept. 19, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48

2870. Govt. increases cotton products export subsidy. New rates, effective Monday, represent 350 per cent advance on former payments. Daily News Rec. no. 200, pp. 1, 8. Aug. 24, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48

The new rates are given.

Also reported in Rayon Organon 11(10): 134. Sept. 1940.

2871. Government plans for cotton. Egyptian crop covered: American crop gets new loan. Textile Weekly 26(650): 196. Aug. 16, 1940. (Published at 49, Deansgate, Manchester, 3, England) 304.8 T3127

The text of the "official statement on British government purchase of Egyptian cotton crop" is included.

2872. Hunt, Stanley B. Rayon plant capacity, and outlook. The present situation and some factors bearing on the future plant expansion. Textile World 90(9): 90-91. Sept. 1940. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N. Y.) 304.8 T315

2873. [Johnston, Oscar] National defense to use half bale for each soldier. Johnston sees preparedness jumping domestic use to near 9,000,000. Cotton Trade Jour. 20(35): 1, 7. Aug. 31, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Extracts from a letter from Oscar Johnston to the Cotton Trade Journal are included.

2874. Labor developments in the Peruvian textile industry, 1940. Creation of Textile labor board. U. S. Dept. Labor. Bur. Labor Statis. Monthly Labor Rev. 51(2): 312-313. Aug. 1940. (Published in Washington, D. C.) 158.6 B87M

2875. Leite de Almeida, José. O algodão em face da conjuntura do comércio mundial. Ouro Branco 6(2): 9-10. June 1940. (Published at Rua Assembléia, 209, São Paulo, Brazil) 72.8 Ou7
Cotton in the face of the situation of world commerce.
The outlook for Brazilian cotton exports is discussed.

2876. Plans for protein fiber plant for Ford co. related. Production of wool substitute from soy bean to begin next year, chemists told. Daily News Rec. no. 217, pp. 5, 7. Sept. 14, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48

Brief account of "the first man-made protein fiber", developed in the laboratories of the Ford Motor Company, is given.

2877. Spanish industry buys Brazilian cotton. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 41(11): 373. Sept. 16, 1940. (Published in Washington, D. C.) 1.9 St2F
 "The Spanish Cotton Board awarded contracts during August to four Brazilian concerns covering purchases of about 100,000 bales of cotton at prices 10 to 15 percent lower than current prices of comparable grades of American, according to reports received in the Office of Foreign Agricultural Relations."
2878. The Statist, v. 136, no. 3271, Special Japanese supplement. 84pp. Aug. 24, 1940. (Published at 51 Cannon St., London, E. C. 4, England)
 Partial contents: Japan's foreign trade in cotton, by Saburo Mango, p. 25; Silk and rayon trade, by Kyushichi Toyoshima, pp. 26-27; Position of Japanese textile industry in foreign trade, by Shingo Tsuda, pp. 66-69.
2879. Stubblefield, Blaine. Defense purchases accelerated. New appropriations and new calls for bids on textiles spur the industry. Textile World 90(9): 66-67. Sept. 1940. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42nd St., New York, N. Y.) 304.8 T315
2880. Textile situation in Argentina is scanned by Brazilian mission. Cotton Trade Jour. 20(39): 6. Sept. 28, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
 Extracts summarizing a report compiled by the Sindicato Patronal das Industrias Texteis de Estado de Sao Paulo on the visit to Argentina by the Brazilian Economic Mission, are given.
2881. World-trade conditions unfavorable for cotton exports. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 41(11): 368-373. Sept. 16, 1940. (Published in Washington, D. C.) 1.9 St2F
 "The present outlook is beclouded by numerous changes in world markets after a year of spreading conflict in Europe and intensified control of the cotton industry in Japan. Great Britain, Spain, and Portugal are the only cotton-importing countries in Europe not subject to blockade, except possibly for insignificant quantities permitted to reach the Balkan countries through the Red Sea entrance to the Mediterranean."

See also Items nos. 2888, 3015, 3016.

Supply and Movement

2882. Air cotton survey costly to growers. Oklahoma farmers plow cotton under--orders later rescinded. Jour. Com. [N. Y.] 185(14343): 12. Sept. 25, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J82
 "Reports indicate that more than 100 farmers in one county had each plowed up from two and one-half to five acres of growing cotton to comply with the Federal restriction only to find

that it had not been necessary and that they would receive no compensation for the loss."

2883. O algodao em S. Paulo, safra 1939-40. Revistas Reunidas 10(56): 3-4. June 1940. (Published at Rua de S. Bento, 389, São Paulo, Brazil) 72.8 R322
Cotton in Sao Paulo, crop of 1939-40.
Table shows distribution of laborers by nationality and size of area cultivated, Sao Paulo, 1939-40.
2884. Bandeen, D. A. Disruption of our cotton industry. Cotton Ginners' Jour. 11(12): 5-6, 9-10, 14, 18. Sept. 1940. (Published by Texas Cotton Ginners' Association, Inc., 109 North Second Ave., Dallas, Tex.) 304.8 C824
"Address before West Texas Ginners' Association, Abilene, Texas, August 8," 1940.
Cotton acreage allotment quotas for Texas are discussed.
2885. Bandeen, D. A. Still insists program unfair. Prog. Farmer (Tex. ed.) 55(10): 4. Oct. 1940. (Published at 1105 Southland Life Annex, Dallas, Tex.) 6 T311
"Texas, under the Bankhead Act and all acts, has not produced its fair share of the nation's cotton and is bearing an unfair share of the nation's necessary cotton cut."
2886. Brazilian cotton exports--January-December, 1939. Cotton [Manchester] 46(2224): 8. Aug. 24, 1940. (Published by the Manchester Cotton Assoc., Ltd., 411 Royal Exchange, Manchester, 2, England) 304.8 C826
A table showing exports of Brazilian cotton, by country of destination for the years 1938 and 1939 is given.
2887. Butler, Eugene. Bandeen and the Bankhead act. Prog. Farmer (Tex. ed.) 55(10): 3, 44. Oct. 1940. (Published at 1105 Southland Life Annex, Dallas, Tex.) 6 T311
Texas cotton acreage allotments are discussed.
2888. Canadian cotton mills reduce activity in last half of 1940. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 41(10): 342. Sept. 9, 1940. (Published in Washington, D. C.) 1.9 St2F
"United States exports of raw cotton to Canada during 1939-40 (August-July) amounted to 432,000 bales compared with 238,000 bales in 1938-39 and 262,000 bales in 1937-38."
2889. China expects smaller cotton imports in 1940-41. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 41(12): 396-401. Sept. 23, 1940. (Published in Washington, D. C.) 1.9 St2F
A table showing cotton acreage, production, imports and exports, 1930-1940 is given.
Extracts in Cotton Trade Jour. 20(39): 6-7. Sept. 28, 1940.

2890. Cotton for Reich is flowing again, by way of Russia. Soviet importers seeking navicerts for importation of U. S. growths. Cotton Trade Jour. 20(39): 1. Sept. 28, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214.
2891. Cotton for Russia, first cargo to be lifted next week. Total of 58,000 bales ready for shipment, first ship takes 18,000. Cotton Trade Jour. 20(39): 1. Sept. 28, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
The shipment will be the "first considerable export of cotton from this country to Russia since the 1928-29 season."
Also in Cotton Digest 12(51): 3. Sept. 28, 1940.
2892. Cotton growers gain \$35,000,000. Substantial crop increase boosts income despite 5% drop in price during last month. Export outlook remains dark, indicating a large surplus. Business Week no. 576, pp. 62-63. Sept. 14, 1940. (Published at 330 West 42d St., New York, N. Y.) 280.8 Sy8
The report on the condition of the crop as of September 1, issued by the Agricultural Marketing Service, is commented upon.
2893. Cotton production in Australia to be expanded by further government aid to growers. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 41(9): 278-279. Sept. 3, 1940. (Published in Washington, D. C.) 1.9 St2F
Table showing cotton acreage, production and number of growers in Australia for the years 1926-27 to 1938-39 is given.
2894. The crop forecast. Cotton Trade Jour. 20(37): 2. Sept. 14, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
An editorial commenting on the cotton crop report issued September 9 by the Crop Reporting Board of the Agricultural Marketing Service.
2895. Development of agriculture and long-staple cotton planting in Turkmenistan. U. S. Dept. Com. Bur. Foreign & Dom. Com. Russian Econ. Notes (n. s.) 2(12): 8-12. June 30, 1940. (Published in Washington, D. C.)
This is an abstract of a decree, published in the Moscow "Pravda" of Apr. 23, 1940, and issued by the Council of People's Commissars of the U. S. S. R. and the Central Committee of the Communist Party.
"The area planted to cotton has grown by 37,900 hectares, or 34 percent... Better farming methods, selection of high-yield seed, and application of chemical fertilizers have raised the average cotton yield from 7.7 quintals per hectare in 1928 to 16.4 quintals in 1939, a gain of 112 percent; and the cotton crop of the Republic has nearly trebled, reaching 241,000 metric tons in 1939. Since 1932 Egyptian varieties have been introduced here, the area planted to these in 1939 reaching 24,775 hectares, with an average yield of 14.4 quintals per hectare, many collectives reporting much higher yields."

2896. Government holdings expected to reach all-time high. Cotton Digest 12(47): 8. Aug. 31, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 236.82 C822
Editorial.
2897. Nabuco de Araujo, C. E., jr. Exports of cotton and cotton by-products gain. Cur. News of Chem. and Chem. Eng. (News ed.) 18(16): 725-726. Aug. 25, 1940. (Published by the American Chemical Society, Mills Bldg., Washington, D. C.) 381 J825N
Tables giving export statistics of cotton and cotton products shipped through the Port of Santos, Brazil, during the 1938 and 1939 seasons are included.
2898. New crop averages shorter and lower in grade than last. Relatively low quality regarded as concomitant of late season. Cotton Trade Jour. 20(39): 7. Sept. 28, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Also in Cotton Digest 12(51): 3. Sept. 28, 1940.
2899. Quality cotton may be taken from 1938 loan stocks. Cotton Digest 12(50): 8. Sept. 21, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 236.82 C822
An editorial which states that it may be necessary to go into the 1938 loan for supplies due to the probable lack of the better grades in the present crop.
2900. Scarcity of cotton abroad. Cotton Trade Jour. 20(39): 2. Sept. 28, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
An editorial which says the closing of the Liverpool Cotton Exchange for three days only serves to emphasize the fact that American cotton is scarce in foreign spinning centers.
2901. Sea island cotton. Cotton [Manchester] 46(2224): 8. Aug. 24, 1940. (Published by the Manchester Cotton Assoc., Ltd., 411 Royal Exchange, Manchester, 2, England) 304.8 C826
"Presenting estimates of the South Carolina cotton acreage for 1940 Frank Black, agricultural statistician, points to an interesting development, the expansion of sea island cotton planting in several counties, chiefly in Farnwell, Allendale, Bamberg and Horry. He states that approximately 1,100 acres have been planted, compared to 170 last year, when an average of 150 pounds of lint to the acre was produced. This was less than half the State average for short staple cotton, 342 pounds, but the higher price commanded by sea island cotton and its exemption from the cotton control programme make the venture in growing the famous long staple attractive.
2902. Skliar, Robert. United States cotton export trade. U. S. Bur. Foreign and Dom. Com., Com. Rpts. no. 36, pp. 759-760. Sept. 7, 1940. (Published in Washington, D. C.) 157 C76D
A table showing quantity and value of cotton exported from

the United States to principal destinations in 1939-40 and 1938-39 is included.

2903. Swiss hungering for cotton, hope for navicerts. Cotton stocks running low, heavy though they were at war's outbreak. Cotton Trade Jour. 20(36): 1. Sept. 7, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
2904. Texas production takes largest cut WTCC contention. Bandeen's assertions discussed by Eugene Butler and E. N. Holmgreen. Cotton Trade Jour. 20(38): 1, 8. Sept. 21, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Discussion of an address entitled, "Disruption of our Cotton Industry" by D. A. Bandeen, delivered before the West Texas Ginners' Association, Abilene, Texas, August 8, 1940.
2905. U. S. Dept. of agriculture. Agricultural marketing service. Mystery of the 1,343,000 bales is explained in radio broadcast. Agricultural marketing service script discusses vagaries of weather. Cotton Trade Jour. 20(37): 1, 7. Sept. 14, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
The text of a radio program entitled, "Cotton Crop Report" broadcast Sept. 13, 1940.
2906. U. S. Dept. of agriculture. Agricultural marketing service. Crop reporting board. Govt. forecasts cotton crop of 12,772,000 bales. Based on condition as of Sept. 1, estimate is 1,343,000 bales over figure for Aug. 1. Daily News Rec. no. 213, pp. 1, 16. Sept. 10, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
2907. [U. S. Dept. of Commerce.] 1939-40 cotton export valuation double that of preceding season. Cotton Trade Jour. 20(36): 6. Sept. 7, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
2908. Was the export subsidy designed to help the producer? Cotton Digest 12(51): 10. Sept. 28, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
An editorial.

See also Items nos. 2381, 2921, 3017, 3031, 3038.

Prices

2909. Average price of spots. Cotton Trade Jour. 20(37): 2. Sept. 14, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
The average and weighted average of the ten spot markets are compared and discussed in this editorial.

2910. Cotton market fixed. Cotton Digest 12(49): 8. Sept. 14, 1940.
(Published at Cotton Exchange Bldg., Houston, Tex.)
286.82 C822

An editorial discussing the effect of the loan on cotton prices.

See also Items nos. 2868, 2892, 3016.

Marketing and Handling Methods and Practices

2911. A commodity exchange merger? Jour. Com. [N. Y.] 185(14335): 4.
Sept. 16, 1940. (Published at 63 Park Row, New York, N. Y.)
286.8 J82

An editorial on the proposed merger of the five commodity exchanges in New York City which says in part: "The crisis now confronting the commodity futures exchanges is one of the most grave they have experienced since their inception. Mounting governmental interference with the marketing of commodities, both in this country and abroad, has caused a severe contraction in the volume of trading that threatens to continue until there is a fundamental change in economic policies the world over. In the meanwhile, protracted inactivity constitutes a severe drain upon both the exchanges and their members."

2912. Liverpool cotton exchange closes until Tuesday after limit advance. Jour. Com. [N. Y.] 185(14344): 1, 14. Sept. 26, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J82

"The board of directors of the Liverpool Cotton Association yesterday determined to close the market for the next three business days, or today [Sept. 26, 1940] tomorrow and Monday, with trading due to be resumed on Tuesday morning."

Also in Cotton Trade Jour. 20(39): 1. Sept. 28, 1940;
Cotton Digest 12(51): 3. Sept. 28, 1940.

2913. Merger prospects for 5 commodity markets weighed. Closer co-operation urged as first step in solving serious problems. Necessity of stronger representation seen. Economies are needed; preservation of exchanges termed vital to solve farm problems. Jour. Com. [N. Y.] 185(14335): 1-2. Sept. 16, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J82

The five commodity exchanges are "the New York Cotton Exchange, the New York Cocoa Exchange, the Coffee and Sugar Exchange, the Commodity Exchange, Inc., and the New York Produce Exchange."

2914. Protective straddles in cotton. Jour. Com. [N. Y.] 185(14333): 2. Sept. 13, 1940. (Published at 63 Park Row, New York, N. Y.)
286.8 J82

An editorial.

2915. Soverance, J. L. Call sales system of selling cotton to mills in danger. Protective straddles hit by interpretations of recent C. E. A. order. Jour. Com. [N. Y.] 135(14332): 1, 15. Sept. 12, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J82

The author commenting on the recent order of the Commodity Exchange Commission limiting speculative positions in cotton, says, "possibilities exist that the method of merchandising cotton through the buyer's call system, almost universally used by domestic mills and also in normal times by British and some other foreign spinners, may be affected, and, if so, that a larger amount of cotton may hereafter be purchased by users at fixed prices."

2916. U. S. Dept. of agriculture. Commodity exchange administration. Futures trading in August least in twenty years. Was less than for July and less than half of August of last year. Cotton Trade Jour. 20(38): 1. Sept. 21, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

2917. [Wassall, Harry W.] CEA speculative limit to remain despite protest. Wassall deplors example of control by impractical statisticians. Cotton Trade Jour. 20(37): 1, 2. Sept. 14, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

2918. Wassall, Harry W. Squeezes still possible under trading limits. Any practice possible on exchange also possible in spot market. Cotton Trade Jour. 20(38): 5. Sept. 21, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

See also Items nos. 2900, 2936, 2997, 2998, 2999, 3003.

Marketing Services and Facilities

2919. Andrews, Stanley. Georgia farmers cut corners. Amer. Cotton Grower 6(3): 7. Aug. 1940. (Published at 535 Gravier St., New Orleans, La.) 72.8 Am32

The development of cooperative cotton warehouses in Georgia is described.

2920. CCC cotton loan station ordered for Little Rock. Cotton Trade Jour. 20(36): 2. Sept. 7, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

"Little Rock has been added to the list of Federal Reserve Stations as a location for loan agency of the Reconstruction Finance Corporation."

2921. [Clayton, W. L.] Clayton expects exports of only 1,500,000 bales. Sees four million bales of new crop going into loan, some to come out. Cotton Trade Jour. 20(35): 1. Aug. 31, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Also in Cotton Digest 12(47): 3. Aug. 31, 1940.

2922. Cotton classer's job. Cotton [Atlanta] 104(9): 104, 106. Sept. 1940. (Published by W. R. C. Smith Publishing Company, Grant Bldg., Atlanta, Ga.) 304.8 C823

A letter to the editor giving "views about the importance of cotton classing and grading, and about the selecting of a balanced mix at the opening room."

2923. Cotton cover topic of southern conference. Atlanta meeting goes on record in favor of status quo--state dates decided upon. Weekly Underwriter 142(2): 131. Jan. 13, 1940. (Published at 80 Maiden Lane, New York, N. Y.) Libr. Cong. HG8011.W4

Report of the mid-year meeting of the Southern Agents Conference held in Atlanta January 9, 1940.

Cotton insurance problems were discussed.

2924. Government classing office for Corpus Christi is asked. Half million bale production in area urged as warranting request. Cotton Trade Jour. 20(36): 1. Sept. 7, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

2925. Government payments and losses on cotton. Textile Colorist 62(740): 535. Aug. 1940. (Published at Woolworth Bldg., 253 Broadway, New York, N. Y.) 306.3 T31

A table from a recent report of the New York Cotton Exchange giving figures on government payments on cotton under the various cotton programs, 1933-1940, is discussed.

2926. New classing plan for loan to be of benefit to farmer. Georgia producers and ginnerers made effort to present better lint. Cotton Trade Jour. 20(38): 3. Sept. 21, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Classing procedure for 1941 loan cotton is explained.

2927. Park, Roy H. How to get your government loan. Carolina Co-op. 18(9): 6. Sept. 1940. (Published by the Carolina Co-operator Publishing Co., Inc., 121 East Davie St., Raleigh, N. C.) 72.8 N81

Farmers are urged to secure their 1940 government cotton loans through the North Carolina Cotton Growers Cooperative Association.

2928. Robbins, Carl B. The 1940 cotton loan program. Cotton and Cotton Oil Press 41(18): 14. Aug. 31, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

"The Commodity Credit Corporation is requiring cotton accepted for the 1940 loan program to bear a class by a board of cotton examiners of the Agricultural Marketing Service, United States Department of Agriculture."

2929. [Turner, W. S.] Cooperative loan in place of CCC is eyed askance. Arkansas cotton trade association takes lead in cautioning farmer. Cotton Trade Jour. 20(39): 1, 7. Sept. 28, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Under the plan producers transfer to the cooperative associations any profits that may result from sale of equities in the loan cotton.
Also reported in Cotton Digest 12(51): 6. Sept. 28, 1940.
2930. U. S. Dept. of agriculture. Agricultural marketing service. Free classification of cotton and cotton market news. Handbook for group representatives and others in communities organized to promote the improvement of cotton. 43pp., processed. Washington, D. C., 1940. 1.942 C32C824
2931. U. S. Dept. of agriculture. Agricultural marketing service. Handbook for cotton classers. 53pp. Washington, U. S. Govt. print. off., 1940.
2932. U. S. Dept. of agriculture. Agricultural marketing service. More improvement groups for cotton get free classing. Cotton Trade Jour. 20(33): 7. Sept. 21, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
"1,459 organized cotton improvement groups have been approved for the free classing of their 1940 cotton."
Also in Cotton Digest 12(50): 12. Sept. 21, 1940.
2933. [U. S. Dept. of agriculture. Agricultural marketing service] Task of classing by Government is huge this season. Radio presentation outlines work of boards of cotton examiners. Cotton Trade Jour. 20(35): 3. Aug. 31, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Text of radio program broadcast August 30, 1940.
2934. War risk policies modified by four additional clauses. Warranty free of British capture is clause of widest application. Cotton Trade Jour. 20(36): 8. Sept. 7, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
- See also Items nos. 2860, 2871, 2896, 2910, 2956, 3002, 3004, 3010, 3011.

Marketing Costs

2935. New York (City) Cotton exchange. Costs of delivering and receiving cotton on New York Cotton exchange contract at designated delivery points...effective August 1, 1940. 9pp., processed. [New York, 1940] 287 N488Co

2936. Thornton, E. H. J. Seek change in minimum carload weights. Cotton Trade Jour. 20(38): 1. Sept. 21, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Efforts of the Joint Traffic Bureau to have the minimum weight reduced from 65,000 to 50,000 pounds are noted.

See also Items nos. 2927, 2934, 2988, 3000.

Cooperation in Marketing

2937. ACCA fixtures under hammer, new regime in... Sansom takes over, says "business as usual" but ACCA to function as agent henceforth and not as principal. Cotton Trade Jour. 20(38): 1, 8. Sept. 7, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
2938. Andrews, Stanley. Cotton coops in new set up. Amer. Cotton Grower 6(3): 3. Aug. 1940. (Published at 535 Gravier St., New Orleans, La.) 72.8 Am32
The plan for decentralization of the American Cotton Cooperative Association is discussed.

See also Items nos. 2919, 2927, 2929.

UTILIZATION

Fiber, Yarn and Fabric Quality

2939. Akin, Emily Williams, Spencer, Lilly H., and Macormac, A. R. Bibliography on flameproofing of textiles. Amer. Dyestuff Rptr. 29(17): P418-P420. Aug. 19, 1940. (Published by Howes Publishing Co., Inc., 440 Fourth Ave., New York, N. Y.) 306.8 Am3
To be continued.
2940. "Average count" and "resultant count". Cotton [Atlanta] 104(9): 102, 104. Sept. 1940. (Published by W. E. C. Smith Publishing Company, Grant Bldg., Atlanta, Ga.) 304.8 C823
A letter to the editor discussing yarn counts.
2941. Caratteristiche e proprietà di alcune fibre tessili. Associazione Italiana di Chimica, Tessile e Coloristica, Bollettino 16(1-2): 19-26. Jan.-Feb. 1940. (Published at Via Manzoni, 46, Milano, Italy) 306.8 As7
Characteristics and properties of some textile fibers.
"Tables are given showing fibre diameters, microscopic characteristics, chemical natures, wet and dry strengths, extensibilities and breaking lengths, specific weights, dyeing properties, crimp characteristics, thermal conductivities and regains of wool, cotton, hemp, ramie, Lanital, Cisalfa, Raica, Sniabeta, Albene and other staple fibre products. - C." - Textile Inst. Jour. 31(7): A397. July 1940.

2942. "Celloganist" Treatment of cellulose fibre materials. Silk Jour. and Rayon World 17(193): 19-20. June 1940. (Published at Old Colony House, South King St., Manchester, 2, England) 304.8 Si3
 "A new line of development in the treatment of cellulose fibres is opened up by the recent discovery of commercial methods to manufacture special organic bases comparable to the older inorganic bases such as caustic soda and potash. The...article describes these new bases and indicates their use in mercerising cotton, the manufacture of viscose rayon, and in cellulose viscosity measurements."
2943. Compton, Jack and Haver, Forrest E. Studies on the developing cotton fiber. II. Identification and estimation of the reducing sugars. Boyce Thompson Inst., Contrib. 11(4): 281-290. July-Sept. 1940. (Published at 1086 North Broadway, Yonkers, N. Y.) 451 B69
 Literature cited, pp. 289-290.
2944. Derrett-Smith, D. A., and Keig, R. J. B. A machine for the fine cutting of linen and cotton materials preparatory to the determination of solubility number or of the fluidity of their cuprammonium solutions. Textile Inst. Jour. 31(8): T197-T200. Aug. 1940. (Published at 16 St. Mary's Parsonage, Manchester, 3, England) 73.9 T31
2945. Electrical applique for cotton and rayon fabrics is perfected. Outgrowth of method for electrostatic control in sandpaper making. Cotton Trade Jour. 20(39): 7. Sept. 28, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
 "A process for electrically embossing fabrics with shortcut fibers, that promises to develop a whole new field of decorative treatments on dress and drapery fabrics, has been perfected by Arnold Print Works." The process is known as "Fibre-down."
2946. Farr, Wanda K. Structure and composition of plant cell membranes. Nature 146(3692): 153-155. Aug. 3, 1940. (Published by Macmillan & Co., Ltd., St. Martin's St., London, W. C. 2, England) 472 N21
 References, p. 155.
 Membranes of the cotton fiber are described.
2947. Fire-proof cotton. Com. Fertilizer 61(3): 7. Sept. 1940. (Published by Walter W. Brown Publishing Co., 223 Courtland St., N. E., Atlanta, Ga.) 57.8 C73
 Editorial on a new process of treating cotton to make it fireproof and the uses to which fireproof cotton may be put.
2948. Fire repellent process for cotton demonstrated. Bedding Mfr. 19(2): 50. Sept. 1940. (Published by the Better Bedding Alliance of America, 608 South Dearborn St., Chicago, Ill.) 309.8 B39
 Mattresses when treated with Flamort, a product invented in Austria, are rendered fire repellent for several years.

2949. Furry, Margaret S. New finishes for textile fabrics. A broad review of recent developments in chemical finishes developed to impart specific properties to fabrics; report on practical tests. Cotton [Atlanta] 104(9): 59-60, 63. Sept. 1940. (Published by W. R. C. Smith Publishing Company, Grant Bldg., Atlanta, Ga.) 304.8 C823
2950. Greene, L. Wilson, and Richards, Harold F. The animal and vegetable waxes in 1939. Oil and Soap 17(9): 191-207. Sept. 1940. (Published by Gillette Publishing Co., 330 South Wells St., Chicago, Ill.) 307.8 J82
A review of the literature. Cotton wax is included.
2951. Harris, Milton. Cotton and other textile fibers. New uses and fiber utility--comparative chemical and physical characteristics--susceptibility to degradation, behavior toward alkalies, sunlight damage, crystallinity, tensile strength. Amer. Wool and Cotton Rptr. 54(32): 9-10, 43-44. Aug. 8, 1940. (Published by Frank P. Bennett & Co., 530 Atlantic Ave., Boston, Mass.) 304.8 W88
Address delivered before the Cotton Research Congress, Waco, Texas, June 27-29, 1940.
2952. Hays, Margaret B., Petersen, Emma C., and Taylor, Delia A. Physical properties of women's full-fashioned hosiery knit from commercial cotton yarns. Jour. Home Econ. 32(7): 467-474. Sept. 1940. (Published by the American Home Economics Association, Mills Bldg., Washington, D. C.) 321.8 J82
References, p. 474.
2953. Kratky, O. Der micellare aufbau der cellulose und ihrer derivate. Angewandte Chemie 53(15/16): 153-162. Apr. 13, 1940. (Published at Potsdamer Strasse 111, Berlin W35, Germany) 384 Z33
Footnote references.
The micellar structure of cellulose and its derivatives.
"The article is a review with 75 literature references in which the salient features of the various theories and concepts of the micellar structure of cellulose by different investigators are described. - E. S. " - Lawrence Col., Inst. Paper Chem. Pul. 10(11): 410. July 1940.
2954. Larose, P. Tensile strength of yarns. Canad. Textile Jour. 56(23): 31-33. Nov. 10, 1939. (Published at 1434 St. Catherine St., W., Montreal, Canada) 304.8 C16
To be continued.
"The first of two instalments describing the basic factors of fibre quality, twist, doubling, and fibre distribution which influence and determine the strength of cotton yarns.--I.C." - Textile Res. 10(5): 210. Mar. 1940.

2955. Manchester chamber of commerce: Testing house and laboratory. Annual report for the year 1939. 8pp. [Manchester] 1940. 304.9 M312 1939

"Reprinted from the Manchester Chamber of Commerce 'Monthly Record' for January, 1940."

Includes reports on yarn and cloth tested.

2956. Richardson, Ralph P. Quality in cotton yarn. Indian Textile Jour. 50(597): 254-255. June 1940. (Published at Military Square, Fort, Bombay, India) 304.8 In2

"Summary of lecture delivered under the auspices of the Textile Association (India), Bombay." Clean picking and proper ginning of cotton keeps down waste losses in process, and when followed by correct scutching, carding and roller drafting leads to good quality in yarn. Performance of the highest quality cottons very strongly suggests that greater fibre-length, lighter unit weight, greater fineness and higher intrinsic fibre strength singly and collectively lead to a greater elasticity and strength in yarn. And this desirable end in yarn is reached as and when the cotton's chief fibre properties are regular."

2957. Skinkle, John H. Textile testing; physical, chemical and microscopical. 267pp. New York, Chemical publishing co., inc., 1940. 304 Sk3

"Information on textile testing methods employed in this country is scattered throughout the literature and hence not readily available to mill technicians or others. Hence, this text and reference book should prove a welcome addition to the libraries of all those engaged in testing textiles. The book is divided into three sections--physical testing, chemical testing, and microscopical testing." - Textile World 90(6): 84. June 1940.

2958. Tankard, J. A note on moisture content and regain calculation charts. Textile Inst. Jour. 31(8): T201-T205. Aug. 1940. (Published at 16 St. Mary's Parsonage, Manchester, 3, England) 73.9 T31

Two charts are described and illustrated. "Special reference is made to the use of these charts in determinations of the moisture content and/or moisture regain of textile materials."

2959. "Technologist." The structure of cotton fibres. Recent discoveries reveal interesting features. Textile Mercury and Argus 103(2680): 106-107. Aug. 2, 1940. (Published at 41, Spring Gardens, Manchester, England) 304.8 T318

A review of recent literature including the work of W. K. Farr.

2960. Tupholme, C. H. S. Making fabrics transparent and impermeable to fluids. Cur. News of Chem. and Chem. Engin. (News Ed.) 18(17): 766. Sept. 10, 1940. (Published by the American Chemical Society,

706 Mills Bldg., Washington, D. C.) 381 J825N

The process, "for making fabrics transparent and impermeable to fluids and at the same time increasing their gloss," developed by Imperial Chemical Industries, is described.

2961. U. S. Dept. of commerce. National bureau of standards. Book cloths, buckrams, and impregnated fabrics for bookbinding purposes except library bindings (second edition)...effective from June 20, 1940. U. S. Dept. Com., Natl. Bur. Standards, Com. Standards CS57-40, 13pp. Washington, 1940.
"Supersedes CS57-36."
2962. Vikhrov, V. E. [Microphotographic measurement of the units of vegetable fibers.] *Bumazhnaia Promyshlennost* 17(10): 29-31. Oct. 1939. (Published in Moskva, U. S. S. R.) Libr. Cong. TS1080 .B8
In Russian.
"A single procedure is suggested for projecting a magnified microscope image of a stained prep. on a photographic paper and measuring the fiber units with the aid of a calibrated plate. - Chas. Blanc." - *Chem. Abs.* 34(6): 1854. Mar. 20, 1940.
2963. [Webb, Robert W.] Study cotton fiber properties: as guide to better utilization. Cotton industry hangs by single thread, saved by averages, says Webb. *Cotton Trade Jour.* 20(35): 7. Aug. 31, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Extracts from an address entitled "The Significance of Cotton Fiber Properties with Respect to Utilization", delivered before the Cotton Research Congress, Waco, Texas, June 29, 1940.
2964. Whistler, Roy L., Martin, Albert R., and Conrad, Carl M. Pectic substance of cotton fibres in relation to growth. *Textile Res.* 10(11): 449-452. Sept. 1940. (Published by United States Institute for Textile Research, Inc., 65 Franklin St., Boston, Mass.) 304.8 T293
References, p. 452.
"The content of pectic substance in cotton fibres at various stages of growth was determined. The results suggest three distinct stages of development of the fibre. The first extends to about the 18th day and is characterized by a gradual decrease in the content of the pectic substance. The second extends from the 18th to about the 35th day during which time there occurs a rapid decrease in the content of pectic substance. In the final stage, which extends from about the 35th day to maturity, there is only a slight decrease in the content of pectic substance. These three stages of development are in good agreement with those deduced by other investigators from different types of data."

2965. Whitcomb, William H. Use of standards in textile industry. Standard specifications beneficial to both consumer and producer--suitable testing methods--breaking strength, commercial regain, direction of twists, yarn numbering system. Amer. Wool and Cotton Rptr. 54(33): 7. Aug. 15, 1940. (Published by Frank P. Bennett & Co., 530 Atlantic Ave., Boston, Mass.) 304.8 W88

To be continued.

"From a paper read before the first convention of the Federation of Textile Technical Associations of Canada held recently in Ottawa."

See also Items nos. 2978, 3026.

Technology of Manufacture

2966. Bibb manufacturing company. The story of cotton. 51pp. [Macon, Ga., 1940]
Yarn manufacturing processes are described and illustrated.
2967. Brockleman, T. R. As one spinner to another. Textile Bul. 58(12): 22, 30. Aug. 15, 1940. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N. C.) 304.8 So82
Suggestions for care and repair of spinning machinery are given.
2968. Brockleman, T. R. As one spinner to another. Textile Bul. 59(1): 16, 29. Sept. 1, 1940. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N. C.) 304.8 So82
Methods of "piecing up ends down, creeling, and cleaning" are described.
2969. How to make neps on a card. Cotton [Atlanta] 104(9): 99. Sept. 1940. (Published by W. R. C. Smith Publishing Company, Grant Bldg., Atlanta, Ga.) 304.8 C823
2970. Kersey, John T. Opener and picker room practice. Textile Bul. 58(12): 16, 18, 38. Aug. 15, 1940. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N. C.) 304.8 So82
To be continued.
2971. Mehn, S. V. Production-efficiency chart. Eliminates time-consuming arithmetic in roving and spinning frame calculations. Textile World 90(9): 84. Sept. 1940. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N. Y.) 304.8 T315
Use of the chart is explained.
2972. "Spintech" Cotton carding. Textile Weekly 26(650): 202-204. Aug. 16, 1940. (Published at 49, Doansgate, Manchester, 3, England) 304.8 T3127
To be continued.

See also Item no. 2922.

Technology of Consumption

2973. Cotton-cement shingle invention may use 1,000,000 bales a year. Cotton Trade Jour. 20(36): 7. Sept. 7, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
2974. Cotton mattresses to poor families reduce surplus. Cotton Trade Jour. 20(38): 3. Sept. 21, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Report on the operation in North Carolina of the government program to provide low-income families with cotton mattresses.
2975. Cotton roofs for southern homes. Cotton Digest 12(47): 4, 12-13. Aug. 31, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
"The invention of J. Harris Hardy, a Mississippi cotton planter," is described.
2976. La fabricacion de colchones de algodón. Argentine Republic, Junta Nacional del Algodón, Boletín Mensual, no. 63, pp. 325-328. July 1940. (Published in Buenos Aires, Argentina) 72.9 Ar3
The making of mattresses of cotton.
The operation of the home mattress making program of the United States Department of Agriculture in the state of Texas is explained.
2977. [National cotton council of America] New cotton tire cord perfected, council reports. Cotton research foundation finds answer to rayon challenge for tires. Cotton Trade Jour. 20(38): 1, 3. Sept. 21, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Also in Cotton Digest 12(50): 10. Sept. 21, 1940.
2978. Research to increase the use of cotton--a symposium. Jour. Home Econ. 32(7): 443-454. Sept. 1940. (Published by the American Home Economics Association, Mills Bldg., Washington, D. C.) 321.8 J82
Contents: Cotton fabric research in the Bureau of Home Economics, by Ruth O'Brien; Domestic utilization of cotton in relation to economic conditions in the south, by R. J. Cheatham; The importance of chemical finishing in increasing the consumption of cotton textiles, by Walter M. Scott.
"Slightly longer versions of the papers by Mr. Cheatham and Dr. Scott were originally read before home economists at the Birmingham meeting of the Southern Agricultural Workers Association last February."
2979. Sansone, Raffaele. Rayon covered cotton threads. Rayon Textile Monthly 21(9): 551-552. Sept. 1940. (Published at 303 Fifth Ave., New York, N. Y.) 304.8 R21
"Some of the many applications for rayon-covered yarns, which create articles of a new character" are given.

2980. Structural cotton finding new uses, advantages told. Panel board, flexible glass and bonded metal promise big consumption. Cotton Trade Jour. 20(36): 8. Sept. 7, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

See also Items nos. 2860, 2865, 2873, 2939, 2945, 2947, 2948, 2951, 2952, 2960, 2961, 3034.

COTTONSEED AND COTTONSEED PRODUCTS

2981. Baum, Arthur W. Fat of the land. Country Gent. 110(8): 5-6, 50-51. Aug. 1940. (Published by the Curtis Publishing Co., Independence Square, Philadelphia, Pa.) 6 C833
The competition of other oils with cottonseed oil is described.
2982. Chicago. Board of trade. Regulations relating to cottonseed oil, effective July 24, 1940. 15pp. [Chicago, 1940]
2983. Cotton seed oil vs. soya bean oil. Traffic World 66(11): 623. Sept. 14, 1940. (Published at 418 S. Market St., Chicago, Ill.) 288.8 T672
"A fight between cottonseed oil, on the one hand, and soya bean and corn oil, on the other, has been started by cottonseed products interests in the south against soya bean and corn oil interests in the north on the question of freight rates. The nature of the fight is set forth in No. 28553, The National Cottonseed Products Association, Inc. vs. Atlanta, Birmingham and Coast et al."
2984. Gordon, Jane Inez. September meeting draws large attendance-- A. J. V. Ware featured speaker. Oil Mill Gazetteer 45(3): 11-12. Sept. 1940. (Published in Wharton, Tex.) 307.8 O153
Report of meeting of Tri-States Oil Mill Superintendents Association, Memphis, Tenn., Sept. 7, 1940.
2985. Hilditch, T. P. The chemical constitution of natural fats. 438pp. London, Chapman and Hall, Ltd., 1940. 387.1 H543
Cottonseed fats are included.
2986. Moses, J. E. Cottonseed cake and pellets as a range supplement in wintering cattle in Florida. Fla. Cattleman and Dairy Jour. 4(12): 6-7. Sept. 1940. (Published by J. E. Williams, Kissimmee, Fla.) 43.8 F66
2987. Protein recovery from cottonseed claimed in patent. Cotton Trade Jour. 20(37): 1. Sept. 14, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
The patent application has been filed by L. W. Bass and H. S. Olcott of the National Cotton Council's Research Foundation.

2988. Reduction on freight rates for cottonseed, carload lots. Cotton and Cotton Oil Press 41(18): 9. Aug. 31, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
The rates, effective August 28, 1940 and prescribed by the Texas Railroad Commission, are given.
2989. Robinson, H. E., Black, H. C. and Mitchell, H. S. Studies relating to foaming tendencies in edible oils and fats. Oil and Soap 17(9): 208-210. Sept. 1940. (Published by Gillette Publishing Co., 330 South Wells St., Chicago, Ill.) 307.8 J82
Cottonseed oil is included.
2990. U. S. Dept. of agriculture. Agricultural marketing service. Cotton linters produced in the United States and estimated percentage of each grade, character, and color produced, by states, year ended July 31, 1940. 1p., processed. Washington, D. C., 1940.
2991. U. S. Dept. of agriculture. Agricultural marketing service. Review--American cotton linters. Bedding Mfr. 36(2): 42. Sept. 1940. (Published by the Better Bedding Alliance of America, 608 South Dearborn St., Chicago, Ill.) 309.8 B39
A table showing linter stocks in specified locations and total on July 31, 1929 to 1940 is given.
2992. [Walsh, Robert M.] The cottonseed situation. U. S. Dept. Agr. Bur. Agr. Econ. Fats and Oils Situation No. 43, pp. 7-8. Sept. 1940. (Published in Washington, D. C.)
A table showing supply, net trade and disappearance, United States, average 1928-37, annual 1938-40, (of cottonseed and cottonseed oil) is given.
2993. Ware, A. J. V. The use of hull fibre machines in war preparations. Oil Mill Gazetteer 45(3): 5-6, 9, 19-20. Sept. 1940. (Published in Wharton, Tex.) 307.8 O153
Address, Tri-States Oil Mill Superintendents Association, Memphis, Tenn., Sept. 7, 1940.

See also Items nos. 2850, 2851.

LEGISLATION, REGULATION, AND ADJUDICATION

Legislation

2994. Peru. Cotton, sugar, petroleum, and petroleum products--export duty basis changed from sterling to United States currency. U. S. Bur. Foreign and Dom. Com., Com. Rpts. no. 35, p. 743. Aug. 31, 1940. (Published in Washington, D. C.) 157 C76D
The rate of export duty on cotton, formerly one shilling six pence is now \$0.305 per quintal.

2995. Spain. Raw cotton--"unemployment tax" established on imports. U. S. Bur. Foreign and Dom. Com., Com. Rpts. no. 36, p. 758. Sept. 7, 1940. (Published in Washington, D. C.) 157 C76D
 "A special tax, to amount up to 0.50 peseta per net kilo, on imports of raw cotton was established by a Spanish decree of July 13, published in the Boletin Oficial del Estado, Madrid, of July 29, 1940, and effective from the date of publication. Proceeds of this tax are to be used for the relief of unemployment in the cotton industry."

See also Items Nos. 2866, 2885, 2887, 2895.

Regulation

2996. [Baumbach, R. O.] Seasonal exemptions are granted to cotton warehousing industry. For any fourteen weeks of year workweek may be 56 hours without penalty. Cotton Trade Jour. 20(39): 3. Sept. 28, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
 An interpretation of the ruling regarding the employment of workers in the cotton warehouse industry, made by the Wage and Hour Division under the Fair Labor Standards Act of 1938.
2997. C. E. C. straddle limit based calendar months. Jour. Com. [N. Y.] 185(14334): 9. Sept. 14, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J82
 The order of the Commodity Exchange Commission regarding futures trading limitations is discussed.
2998. [Miller, Gardiner H.] "Protective straddles" are likely to be fewer. Jour. Com. [N. Y.] 185(14331): 12. Sept. 11, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J82
 The recent ruling of the Commodity Exchange Commission limiting speculative transactions to 30,000 bales is discussed.
2999. [New York] Cotton exchange asks C. E. C. review. Will confer on trading limit questions raised by recent order. Jour. Com. [N. Y.] 185(14326): 1, 9. Sept. 5, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J82
 A hearing on the trading limits in cotton futures fixed by the Commodity Exchange Commission is asked.
3000. Rail rates on cotton from Little Rock cut. Daily News Rec. no. 221, p. 17. Sept. 19, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
 "Cotton freight rates from Little Rock to Eastern textile mills and Canada were reduced 12 1/2 per cent by major railroads, the tariff being cut from 96 to 84 cents per 100 pounds. The reduction was ordered by the Interstate Commerce Commission earlier this summer. Chambers of commerce and cotton exchanges at Houston, Galveston and New Orleans had petitioned for a suspension of the order. The I. C. C.'s decision was announced

by T. E. Wood chief of the commission's rate division. The order will result in large savings to Arkansas shippers, Mr. Wood said." - Entire item.

3001. Raw cotton control in North China. Mitsubishi Econ. Res. Bur. Monthly Circ. 201, pp. 19-20. July 1940. (Published at Marunouchi 3, Tokyo, Japan) 280.8 M69

The regulations issued by the China Affairs Board are discussed.

3002. Rule warehousing seasonal, relax wage-hour limits. Cotton warehousemen get preliminary finding favorable to industry. Cotton Trade Jour. 20(36): 3. Sept. 7, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

3003. Ruling on cotton clarified by C. E. A. Major problem dealt with covers straddle positions in delivery months. Jour. Com. [N. Y.] 135(14326): 1, 3. Sept. 7, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J62

3004. Transit cotton substitution. Traffic World 66(9): 507. Aug. 31, 1940. (Published at 418 S. Market St., Chicago, Ill.) 288.8 T672

"We say that regardless of what the record may indicate or any verbal explanations that were made during oral argument", says the Houston Port & Traffic Bureau, "the purpose of the rule (suspended in I. and S. 4646, substitution of cotton in the southwest) is to destroy truck transportation of cotton to the Texas ports!"

3005. [U. S. Commodity exchange commission.] CEC sets limits on speculative future trades. Decreases 30,000 bales greatest open interest in one contract market and one future by one interest. Daily limit the same. Cotton Trade Jour. 20(35): 1, 3. Aug. 31, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

The text of the order fixing trading limits is included.

3006. U. S. Dept. of agriculture. Agricultural adjustment administration. Instructions for holding referendum on cotton marketing quotas on the 1941 crop. [U. S.] Natl. Arch. Fed. Register 5(136): 3767-3770. Sept. 24, 1940. (Published in Washington, D. C.) 169 F31

3007. U. S. Dept. of agriculture. Agricultural adjustment administration. Part 714--Refunds of penalties erroneously, illegally, or wrongfully collected with respect to marketing [cotton] in excess of marketing quotas. [U. S.] Natl. Arch. Fed. Register 5(130): 3652. Sept. 14, 1940. (Published in Washington, D. C.) 169 F31

Cotton 228, supp. 1.

3008. U. S. Dept. of agriculture. Agricultural adjustment administration. Part 722--Cotton. A proclamation by the Secretary of agriculture relating to cotton marketing quotas, 1941-42 marketing year. [U. S.] Natl. Arch. Fed. Register 5(182): 3701. Sept. 18, 1940. (Published in Washington, D. C.) 169 F31
Cotton 1941-42.
Also in Cotton Trade Jour. 20(38): 2. Sept. 21, 1940; Cotton Digest 12(50): 3. Sept. 21, 1940.
3009. U. S. Dept. of agriculture. Agricultural adjustment administration. Part 741--1941 parity payment regulations. [U. S.] Natl. Arch. Fed. Register 5(180): 3652-3655. Sept. 14, 1940. (Published in Washington, D. C.) 169 F31
P-1941.
Cotton is included.
3010. U. S. Dept. of agriculture. Commodity credit corporation. 1940-41 cotton loans. [U. S.] Natl. Arch. Fed. Register 5(179): 3639. Sept. 13, 1940. (Published in Washington, D. C.) 169 F31
[1940-41 C. C. C. Cotton form 1--instructions]
3011. U. S. Dept. of labor. Wage and hour division. Prima facie determination in matter of application for the exemption of the storing of raw cotton in bales from the maximum hours provisions. [U. S.] Natl. Arch. Fed. Register 5(171): 3498. Aug. 31, 1940. (Published in Washington, D. C.) 169 F31

See also Items nos. 2882, 2884, 2885, 2887, 2904, 2915, 2917, 2932, 3030.

Adjudication

3012. First lawsuit for cotton penalty filed. Tex. Co-op. News 20(9): 5. Sept. 15, 1940. (Published by Texas Co-operative Publishing Co., Inc., 1100-1106 South Ervey St., Dallas, Tex.) 72.9 T315F
"The first suit of its kind in the Dallas section, of interest to cotton growers and buyers alike, was filed by the United States Government recently against R. L. Dixon, Inc., Dallas cotton merchants, for \$8,760.21 in penalties on cotton grown and marketed in excess of quota."

MISCELLANEOUS--GENERAL

3013. El algodón serrano conferencia pronunciada en la municipalidad de Villa Dolores el 12 de Junio de 1940, declarado "Día del algodón" por el representante del F. C. de Buenos Aires al Pacifico, ingeniero agrícolo Mario Estrada. Revista Mensual B. A. P. Aug. 1940, pp. 29-31, 33-41. (Published by Ferrocarril Buenos Aires al Pacifico, Calle Florida 783, Buenos Aires, Argentina) 9 R326
The Highland Cotton Conference, held in the city of Villa Dolores the 12th of June 1940, declared "Day of cotton" by the

representative of the F. C. de Buenos Aires al Pacifico, agricultural engineer, Mario Estrada.

3014. American cotton manufacturers association. Proceedings of the forty-fourth annual convention...White Sulphur Springs, W. Va., April 25, 26, 27, 1940. 151, 36pp. [Charlotte, N. C.] 1940. 304.9 Am3
3015. Andrews, Stanley. Cotton farmers join consumption drive. Ark. Farmer 42(9): 7. Sept. 1940. (Published by T. H. Barton, Little Rock, Ark.) 6 Ar42
3016. Arizona. Agricultural experiment station. Fiftieth annual report for the year ending June 30, 1939. 102pp. Tucson, [1940] 100 Ar4 50th, 1938/39
 Partial contents: Factors affecting the price and consumption of American-Egyptian cotton, p. 42; Cotton (agronomy), pp. 46-49; Cotton breeding, pp. 84-88; Angular leaf spot of cotton, pp. 88-89; Phymatotrichum (Texas or cotton) root rot, pp. 89-91.
3017. Cadilla de Martínez, María. Datos históricos sobre el cultivo y producción del algodón en Puerto Rico. Revista de Agricultura, Industria y Comercio de Puerto Rico 32(2): 200-206. May-June 1940. (Published in San Juan, P. R.)
 An historical account of the cultivation and production of cotton in Puerto Rico.
3018. Carded yarn group elects R. C. Forrest. Murchison declares cotton textile trade definitely improving. Jour. Com. [N. Y.] 185(14337): 9. Sept. 18, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J82
 Report of annual meeting of the Carded Yarn Group, held at Charlotte, N. C., Sept. 17, 1940.
 Also reported in Daily News Rec. no. 220, p. 14. Sept. 18, 1940.
3019. Chase, Allan. Cotton is dynamite! How cotton causes wars and why it is a world menace. Click 3(9): 8-11. Oct. 1940. (Published by Click, Inc., 400 N. Broad St., Philadelphia, Pa.)
 A discussion of world cotton problems.
3020. Cotton-textile institute, inc. Cotton from raw material to finished product...2d ed. 80pp., processed. New York, 1940. 304 C82C Ed. 2.
 Selected bibliography of cotton manufacturing, pp. 54-55.
3021. Cotton war chest assured by levy of nickel a bale. National cotton council assured of funds for cotton promotion. Cotton Trade Jour. 20(25): 7. Aug. 31, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

3022. Garcia Mata, R. El algodón en la República Argentina. Gaceta Algodonera 17(198): 13-15, 17-18. July 1940. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11
The history of cotton in the Republic of Argentina.
3023. Govt. agencies may aid nickel-a-bale cotton program. Daily News Rec. no. 220, p. 13. Sept. 18, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
"With pledges already in hand covering more than 90 per cent of cotton moving through regular channels of trade, the council board addressed a strong appeal to approximately 1,800 loan agencies to complete the program by accepting nickel-a-bale dues from producers who elect to place their cotton in the loan, and remitting such dues directly to the council."
Also in Cotton Digest 12(49): 4. Sept. 14, 1940.
3024. Groups join to promote cotton. Cotton Digest 12(51): 3. Sept. 28, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
An announcement of the "coordination of the promotional activities of the Cotton-Textile Institute and the National Cotton Council to provide a unified drive for increased cotton consumption."
Also in Cotton Trade Jour. 20(40): 1. Oct. 5, 1940.
3025. King cotton. Acco Press 18(9): 3-5. Sept. 1940. (Published by Anderson, Clayton & Co., Houston, Tex.) 6 Ac2
An account of the early history of cotton production in the South is given and the need for diversified farming is stressed.
3026. Llerena, Carlos Moyano. La Junta nacional del algodón. Aspectos juridicos de su creacion. Argentine Republic, Junta Nacional del Algodon, Boletin Mensual no. 64, pp. 364-374. Aug. 1940. (Published in Buenos Aires, Argentina) 72.9 Ar3
The Junta Nacional del Algodon. Legal aspects of its creation.
3027. Maid of cotton to tour U. S. cities again in 1941. Daily News Rec. no. 206, p. 4. Aug. 31, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
The 1941 tour will be more extensive than the previous one according to an announcement by the Memphis Cotton Carnival Association.
3028. Ousley, Clarence. Doing its job well. Cotton and Cotton Oil Press 41(19): 10. Sept. 14, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
An editorial commenting on the work of the State-Wide Cotton Committee of Texas.

3029. Plans to form a cotton control company in North China. Cotton [Manchester] 46(2226): 6. Sept. 7, 1940. (Published by the Manchester Cotton Assoc., Ltd., 411 Royal Exchange, Manchester, 2, England) 304.8 C826
- "It is reported that the North China Cotton Planting Improvement Association plans to form a cotton control company, with a capitalisation of 20,000,000 yen, to unify cotton growing and distribution in North China. Plans to establish warehouses to store cotton at Tientsin, Tsinan and Tsingtao are said to be included in the programme."
3030. Progress in Valley cotton. Tex. Farming and Citric. 17(3): 12, 15. Sept. 1940. (Published by Watson Publishing Co., 319 East Jackson St., Harlingen, Tex.) 30 T31
- Cooperative ginning and benefits from AAA programs in the Lower Rio Grande Valley of Texas are discussed.
3031. Rhodesia, Northern. Department of agriculture. Annual report for the year 1939. 18pp. Lusaka, Govt. printer, 1940. 24 R343 1939
- Partial contents: Cotton in Plateau Regions, pp. 6-7; Cotton in Valley Regions, p. 7.
3032. Rhodesia, Southern. Department of agriculture and lands. Report of the secretary...for the year 1939. 35pp. Salisbury, 1940. 24 R344
- Abstract of the report of the cotton specialist, chairman, Cotton Research and Industry Board, by G. S. Cameron, p. 15.
3033. Schoffelmayer, Victor. First cotton congress faces problems. Amer. Cotton Grower 6(3): 6, 10. Aug. 1940. (Published at 535 Gravier St., New Orleans, La.) 72.8 Am32
- Report of the Cotton Research Congress, held in Waco, Texas, June 1940.
3034. Scott, Clarice L. Around the clock with cottons. Natl. Mag. Home Econ. Student Clubs 4(4): 8. Apr. 1940. (Published by American Home Economics Association, 620 Mills Bldg., Washington, D. C.) 321.8 N212
- Brief article on the "exhibit of cotton clothes that is now touring the country under the sponsorship of the United States Bureau of Home Economics."
3036. U. S. Dept. of agriculture. Agricultural adjustment administration. Agricultural adjustment 1938-39; a report of the activities carried on by the Agricultural adjustment administration under the provisions of the Agricultural adjustment act of 1933, the Soil conservation and domestic allotment act, and related legislation, from July 1, 1938 through June 30, 1939. 142pp. Washington, U. S. Govt. print. off., 1939. (G-96) 1.4 Ad4Ge no.96
- Chapter 5. The program in the southern region. I. Cotton in the farm program, pp. 50-52.

3037. [U. S. Dept. of agriculture. Agricultural marketing service]
Radio schedules for 18 stations feature cotton. Futures price quotations, summaries and interviews are listed. Cotton Trade Jour. 20(39): 1. Sept. 23, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
The schedules are given.

3038. Whitaker, F. H. The Crop reporting board estimates cotton production. U. S. Dept. Agr. Agr. Mktg. Serv. Mktg. Activ. 3(2): 7. Aug. 1940. (Published in Washington, D. C.)

"During the past 10 ginning seasons the monthly estimates of the cotton crop have 'missed' the actual final ginnings by an average of only 4 percent. But for the first 9 years cotton production estimates were prepared--from 1915 to 1923--the average variation from the monthly estimates and the final ginnings was a little over 6 percent. The improvement during recent years has been achieved in spite of the boll weevil, whose presence has made early season forecasts hazardous. The greater precision results from the adoption of improved methods of collecting and analyzing the data from which the estimates are prepared."

ooOoo